

REMARKS

The following remarks are submitted as a full and complete response to the outstanding Action. By this Amendment, claims 1 and 3 have been amended and claims 6-15 have been added to further set forth the instant application. No new matter has been introduced. Presently, claims 1-15, of which claims 1-3, 5, 14 and 15 are in independent form, are pending and therefore submitted for consideration.

Allowable Subject Matter

It is noted with appreciation that claims 1, 3 and 4 have been allowed.

Drawings

Drawings are objected to under 37 C.F.R. §1.83(a).

Replacement Figures 1-3B, which incorporate the desired changes regarding the designation of the "Prior Art" legend as set forth in item 1 of the outstanding Action, are attached herewith. Approval thereof is respectfully requested.

Claim Rejection

Claims 2 and 5 are rejected under 35 U.S.C. §102(b) as being anticipated by Applicant's Admitted Prior Art (Figs. 1-3B, "AAPA").

This rejection is respectfully traversed for at least the reasons set forth below.

no-7C,
The amplifier 111 in the **AAPA**, which is disclosed in the description of
BACKGROUND OF THE INVENTION, amplifies PSK modulated signals before the
orthogonal detection, or detection of signals in both the I and Q channels. By contrast,
the amplification step as set forth in claim 2 and the amplification unit as set forth in
claim 5 amplify one of the signals after the orthogonal detection, namely, signals in the I
or Q channel.

Accordingly, the **AAPA** does not disclose or suggest each and every limitation or
element as recited in claims 2 and 5 of the present application, and therefore it is
respectfully submitted that the present application as set forth in claims 2 and 5, is not
anticipated by the **AAPA** within the meaning of 35 U.S.C. § 102.

* * * * *

In view of the foregoing, reconsideration of the application, withdrawal of the
outstanding rejections, allowance of claims 1-15, and the prompt issuance of a Notice of
Allowability are respectfully solicited.

In the event this paper is not considered to be timely filed, Applicant hereby
petitions for an appropriate extension of time. The fee for this extension may
be charged to our Deposit Account No. 01-2300.

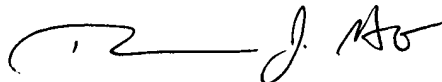
Inventor: Syouji OHISHI

Serial No.: 09/639,191
Docket No.: 108391-00009

The Commissioner is hereby authorized to charge any fee deficiency or credit any overpayment associated with this communication to Deposit Account No. 01-2300.

Respectfully submitted,

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RH/klf
Enclosures: Replacement of Figs. 1-3A

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